

AMPHIPHILIC POLYMERIC VESICLES

ABSTRACT OF THE DISCLOSURE

Vesicles made from amphiphilic copolymers are disclosed. The amphiphilic copolymers can be ABA copolymers, where one of A and B is hydrophilic and the other is hydrophobic. AB copolymers can also be used. The copolymers may be crosslinked to form nanocapsules. Crosslinking can be accomplished using a variety of methods, including end to end polymerization of copolymers having terminal unsaturated groups. Molecules, such as membrane proteins, can be incorporated into the wall of the vesicles or nanocapsules.

09615305-071300